

METHOD FOR THE DESIGN AND FABRICATION OF COMPLEMENTARY OPTICAL
COMB FILTER PAIRS

ABSTRACT

A complementary comb filter pair, and method for making same, are described, wherein each comb filter element of the complementary pair can be fabricated during the same deposition run. The complementary comb filter is masked so as to retard the thin film growth of the coating, for example, a dielectric material, so as to produce a desired wavelength transmission profile.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100